IN THE CLAIMS:

1.   (Previously Presented) A recording medium comprising:

a graphics stream which represents an interactive display including a plurality of graphical button materials to be overlayed with a motion picture wherein:

said graphics stream includes a plurality of graphics data sets each forming a group of graphics data which renders a predetermined state of said graphical button materials; and

said plurality of graphics data sets respectively renders different predetermined states of said graphical button materials.

2.   (Previously Presented) The recording medium of Claim 1, wherein:

said different predetermined states are respectively a normal state, a selected state, and an active state; and

said plurality of graphics data sets are disposed in an order of a normal-state set, a selected-state set, and an active-state set.

3.   (Previously Presented) The recording medium of Claim 1, further comprising play list information, wherein:

said play list information includes main-path information and sub-path information;

said main-path information indicates a video stream as a main stream and defines a reproduction section of the main stream;

said sub-path information indicates said graphics stream as a sub stream which synchronizes with said main stream, defines a reproduction section of said sub stream and includes reproduction information;

said reproduction information indicates a synchronization point on a reproduction time axis of said main stream; and

said interactive display is represented to be overlayed with a picture of said video stream in said reproduction section of said main stream.

4.   (Previously Presented) The recording medium of Claim 3, further comprising a read-only optical disk, wherein:

said video stream is recoded on a read-only optical disk; and

said graphics stream and said video stream are recorded on said recording medium which is a rewritable disk.

5.   (Currently Amended) A reproduction apparatus for reproducing a video stream and a graphics stream, said apparatus comprising:

a graphics decoder operable to decode the graphics stream which represents an interactive display including a plurality of graphical button materials to be overlayed with a motion picture, wherein:

the graphics stream includes a plurality of graphics data sets each forming a group of graphics data which renders a predetermined state of the graphical button materials;

the plurality of graphics data sets respectively renders different predetermined states of the graphical button materials; and

said ~~graphics decoder~~ reproduction apparatus uses <u>one of (a)</u> the graphics data ~~respectively~~ belonging to a top set and <u>(b) the graphics data belonging to</u> a second-place set in the plurality of graphics data sets for presenting an initial display of the interactive display, and uses the graphics data belonging to remaining ones of the plurality of graphics data sets for updating the interactive display upon a user operation.

6.   (Previously Presented) The reproduction apparatus of Claim 5, wherein:

the different predetermined states are respectively a normal state, a selected state, and an active state;

the plurality of graphics data sets are disposed in an order of a normal-state set, a selected-state set, and an active-state set;

said graphics decoder includes:

a graphics processor operable to decode the graphics data;

an object buffer operable to store decompressed graphics data obtained by the decoding;

a graphics plane operable to store at least some of the decompressed graphics data that are to be overlayed with the motion picture; and

a graphics controller operable to write the decompressed graphics data in a graphics data set for rendering the selected state to said graphics plane.

7.   (Previously Presented) The reproduction apparatus of Claim 6, further comprising a video decoder which decodes the video stream and reads play list information recorded on a recording medium, wherein:

the play list information includes main-path information and sub-path information;

the main information indicates the video stream as a main stream and defines a reproduction section of the main stream, the video stream includes pictures;

the sub-path information indicates the graphics stream as a sub stream which synchronizes with the main stream, defines a reproduction section of the sub stream and includes reproduction information;

the reproduction information indicates a synchronization point on a reproduction time axis of the main stream; and

the interactive display is represented to be overlayed with a picture of the video stream in the reproduction section of the main stream.

8. (Previously Presented) The reproduction apparatus of Claim 7, wherein:

the video stream is recorded on a read-only optical disk; and

the graphics stream and the video stream are recorded on a recording medium which is a rewritable disk.

9. (Previously Presented) A recording method for recording to a recording medium, said method comprising:

creating application data; and

recording the created data to the recording medium; wherein:

the application data includes a graphics stream;

the graphics stream represents an interactive display to be overlayed with a motion picture, the interactive display including a plurality of graphical button materials;

the graphic stream includes a plurality of graphics data sets each forming a group of graphics data which renders a predetermined state of the graphical button materials; and

the plurality of graphics data sets respectively renders different predetermined states of the graphical button materials.

10.   (Currently Amended) A ~~program embodied on a~~ computer readable medium storing a program for enabling a computer to reproduce a graphics stream, said program comprising code operable to cause the computer to perform:

a decoding of the graphics stream; and

a display of an interactive display to be overlayed with a motion picture, the interactive display including a plurality of graphical button materials;

wherein:

the graphics stream represents the interactive display to be overlayed with the motion picture;

the graphics stream includes a plurality of graphics data sets each forming a group of graphics data which renders a predetermined state of the graphical button materials;

the plurality of graphics data sets respectively renders different predetermined states of the graphical button materials; and

one of (a) the graphics data ~~respectively~~ belonging to a top set and (b) the graphics data belonging to a second-place set in the plurality of graphics data sets are used for presenting an initial display of the interactive display, and

graphics data belonging to remaining ones of the plurality of graphics data sets is used for updating the interactive display upon a user operation.

11.   (Currently Amended) A method of reproducing a graphics stream which represents an interactive display including a plurality of graphical button materials to be overlayed with a motion picture, said reproduction method comprising:

decoding the graphics stream;

wherein:

the graphics stream includes a plurality of graphics data sets each forming a group of graphics data which renders a predetermined state of the graphical button materials;

the plurality of graphics data sets respectively renders different predetermined states of the graphical button materials; and

one of (a) the graphics data ~~respectively~~ belonging to a top set and (b) the graphics data belonging to a second-place set in the plurality of graphics data sets are used for presenting an initial display of the interactive display, and uses the graphics data belonging to the remaining ones of the plurality of graphics data sets is used for updating the interactive display upon a user operation.